

State Standards Alignment

New York

Zearn Math is a K-8 print and software-based curriculum that transforms the math block to create differentiation and engagement for each student, every day.

Zearn Math curricular materials for 1st - 8th grades are fully aligned with the **New York State Next Generation Mathematics Learning Standards (2019)** and can be utilized as the primary curriculum in the math classroom to meet all standards. Zearn Math curricular materials for Kindergarten are largely aligned with the **New York State Next Generation Mathematics Learning Standards (2019)** and can be utilized as the primary curriculum in the math classroom, with minor supplementing from additional resources, to meet all standards. The tables on the following pages describe the alignment for each specific standard.

Key



FULLY ALIGNED

Zearn Math curricular materials are fully aligned to this standard and can be utilized as the primary instructional materials in the math classroom in order to meet the full expectation of this standard.



MOSTLY ALIGNED

Zearn Math curricular resources are mostly aligned to this standard; however, teachers will need to amend instruction to address the part of the standard not covered by Zearn Math. Such amendments should be made within the current Zearn lessons and should not require any additional instructional days.



PARTIALLY ALIGNED

Zearn Math curricular resources are partially aligned to this standard; therefore, it is recommended that teachers use supplemental materials to fully address this specific standard. Additional instructional days may be needed to adequately address this standard.



NOT ALIGNED

Zearn Math curricular resources are not aligned to this standard; therefore, it is recommended that teachers use supplemental materials to fully address this specific standard. Additional instructional days may be needed to adequately address this standard.



State Standards Alignment

New York: Kindergarten

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Counting & Cardinality

STANDARD	MISSION	TOPICS	ALIGN
NY-K.CC.1	5	A, B, D, E	✓
NY-K.CC.2	1	G	✓
	5	A, B, D, E	✓
NY-K.CC.3	1	D, E, F	✓
	5	B, C, D, E	✓
NY-K.CC.4	1	B, C, D, E, F, G, H	✓
	5	A, B, C, D, E	✓
	6	A	✓
NY-K.CC.5	1	C, D, E, F, G, H	✓
	5	A, B, C, D, E	✓
NY-K.CC.6	3	B, E, F, G, H	✓
	5	E	✓
NY-K.CC.7	3	F, G, H	✓

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-K.OA.1	4	A, B, C, D, G, H	✓
NY-K.OA.2	4	C, D, F, G, H	✓
NY-K.OA.3	1	C	✓
	4	A, B, C, D, E, G	✓
NY-K.OA.4	4	B, C, H	✓
NY-K.OA.5	4	A	✓
NY-K.OA.6 ¹	1	H	—
	4	B, H	—
	5	A, B, C	—

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-K.NBT.1	5	A, B, C, D, E	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-K.MD.1	3	A, B, C, D, H	✓
NY-K.MD.2	3	A, B, C, D, F, H	✓
NY-K.MD.3	1	A, B, C, E	✓
	2	A, B, C	✓
NY-K.MD.4	G1M6	E	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-K.G.1	2	A, B, C	✓
	6	B	✓
NY-K.G.2	2	A, B, C	✓
	6	A	✓
NY-K.G.3	2	C	✓
NY-K.G.4	2	A, B, C	✓
	6	A, B	✓
NY-K.G.5	6	A	✓
NY-K.G.6	6	B	✓

¹Zearn Math includes lessons that target NY-K.OA.6; however, the Zearn Math lessons focus on number patterns. Teachers will need to supplement instruction to ensure students master the full intent of NY-K.OA.NY-6.



State Standards Alignment

New York: 1st Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-1.OA.1	1	A, B, C, G, H	✓
	2	A, B, C, D	✓
	3	C, D	✓
	4	E	✓
	6	A, F	✓
NY-1.OA.2	2	A	✓
NY-1.OA.3	1	E, F	✓
	2	A, B	✓
NY-1.OA.4	1	G, H, I	✓
	2	B, C	✓
NY-1.OA.5	1	A, B, C, D, G, H, I	✓
	2	B, C	✓
NY-1.OA.6	1	B, C, D, F, I, J	✓
	2	A, B, C, D	✓
NY-1.OA.7	1	E	✓
	2	B, C	✓
NY-1.OA.8	1	D, H	✓
	2	C	✓

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-1.NBT.1	4	A	✓
	6	B	✓
NY-1.NBT.2	2	D	✓
	4	A, B, F	✓
	6	B	✓
NY-1.NBT.3	4	B	✓
	6	B	✓
NY-1.NBT.4	4	C, D, F	✓
	6	C, D	✓
NY-1.NBT.5	2	D	✓
	4	A	✓
	6	B	✓
NY-1.NBT.6	4	C	✓
	6	C	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-1.MD.1	3	A, B	✓
NY-1.MD.2	3	B, C	✓
NY-1.MD.3	4	A	✓
	5	D	✓
	6	E	✓
NY-1.MD.4	3	D	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-1.G.1	5	A	✓
NY-1.G.2	5	B	✓
NY-1.G.3	5	C, D	✓



State Standards Alignment

New York: 2nd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-2.OA.1	1	B	✓
	3	G	✓
	4	A, B, C, F	✓
NY-2.OA.2	1	A, B	✓
NY-2.OA.3	6	D	✓
NY-2.OA.4	6	A, B, C	✓

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-2.NBT.1	3	A, B, C, D, E	✓
NY-2.NBT.2	3	B, C, D, E, G	✓
	6	A, B	✓
	7	B, E	✓
	8	D	✓
NY-2.NBT.3	3	C, D, E	✓
NY-2.NBT.4	3	E, F	✓
NY-2.NBT.5	1	B	✓
	4	A, B, C	✓
	7	B, E	✓
	8	D	✓
NY-2.NBT.6	4	D	✓
	6	A	✓
	7	B	✓
	8	D	✓
NY-2.NBT.7	4	B, C, D, E, F	✓
	5	A, B, C, D	✓
NY-2.NBT.8	3	G	✓
	5	A, D	✓
NY-2.NBT.9	4	A, B, C, D, E, F	✓
	5	A, B, C, D	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-2.MD.1	2	A, B, C, D	✓
	7	C, D, F	✓
	8	A	✓
NY-2.MD.2	2	C	✓
	7	D	✓
NY-2.MD.3	2	B, D	✓
	7	D	✓
NY-2.MD.4	2	C, D	✓
	7	D	✓
NY-2.MD.5	2	D	✓
	7	E, F	✓
NY-2.MD.6	7	A, E, F	✓
NY-2.MD.7	8	D	✓
NY-2.MD.8	3	D	✓
	7	B	✓
NY-2.MD.9	7	F	✓
NY-2.MD.10	7	A	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-2.G.1	8	A, B, C	✓
	G3M7	B	✓
NY-2.G.2	6	C	✓
NY-2.G.3	8	B, C, D	✓



State Standards Alignment

New York: 3rd Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-3.OA.1	1	A, C, E, F	✓
	3	A, B, C, D, E, F	✓
NY-3.OA.2	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
NY-3.OA.3	1	A, B, C, D, E, F	✓
	3	A, B, C, D, E	✓
NY-3.OA.4	1	B, C, D, E, F	✓
	3	A, B, C, D, E	✓
NY-3.OA.5	1	C, E, F	✓
	3	A, B, C, D, F	✓
NY-3.OA.6	1	B, D, E, F	✓
	3	A, B, C, D, E	✓
NY-3.OA.7	1	D, E, F	✓
	3	A, B, C, D, E	✓
NY-3.OA.8	1	F	✓
	3	C, E, F	✓
	7	A	✓
NY-3.OA.9	3	A, D, E, F	✓

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-3.NBT.1	2	C, D, E	✓
NY-3.NBT.2	2	A, D, E	✓
NY-3.NBT.3	3	F	✓
NY-3.NBT.4 ¹			✓

Numbers & Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
NY-3.NF.1	5	A, B, C	✓
NY-3.NF.2	5	D	✓
NY-3.NF.3	5	B, C, D, E, F	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-3.MD.1	2	A, C, D, E	✓
NY-3.MD.2	2	B, C, D, E	✓
NY-3.MD.3	6	A	✓
NY-3.MD.4	6	B	✓
	7	D	✓
NY-3.MD.5	4	A, B, C, D	✓
NY-3.MD.6	4	A, B, D	✓
NY-3.MD.7	4	A, B, C, D	✓
NY-3.MD.8	7	C, D, E	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-3.G.1	7	B	✓
NY-3.G.2	5	A, B, C	✓

¹ Zearn Math does not include any lessons dedicated to NY-3.NBT.4; however, the Form to Form Number Gym activities included in Independent Digital Lessons cover the full intent of the standard.



State Standards Alignment

New York: 4th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-4.OA.1	1	A	✓
	3	A, B, D	✓
	7	A	✓
NY-4.OA.2	3	A, B, C, D	✓
	5	G	✓
	7	A, B	✓
NY-4.OA.3	1	D, E, F	✓
	3	A, D, E, G, H	✓
	7	B, C	✓
NY-4.OA.4	3	F	✓
NY-4.OA.5	5	H	✓

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-4.NBT.1	1	A	✓
	3	B, C, G	✓
NY-4.NBT.2	1	A, B, D, E, F	✓
NY-4.NBT.3	1	C	✓
NY-4.NBT.4	1	D, E, F	✓
NY-4.NBT.5	3	B, C, D, H	✓
NY-4.NBT.6	3	E, F, G	✓

Numbers & Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
NY-4.NF.1	5	B, D, E	✓
	6	B	✓
NY-4.NF.2	5	C, E	✓
NY-4.NF.3	5	A, B, D, E, F	✓
	6	D	✓
NY-4.NF.4	5	A, E, G	✓
NY-4.NF.5	6	B, D, E	✓
NY-4.NF.6	6	A, B, D, E	✓
NY-4.NF.7	6	B, C	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-4.MD.1	2	A, B	✓
	5	D, F, G	✓
	6	A, B, C, D	✓
	7	A, B, C	✓
NY-4.MD.2	2	A, B	✓
	5	D, F, G	✓
	6	C, E	✓
	7	A, B, C	✓
NY-4.MD.3	3	A, H	✓
NY-4.MD.4	5	E, G	✓
NY-4.MD.5	4	B	✓
NY-4.MD.6	4	B	✓
NY-4.MD.7	4	C	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-4.G.1	4	A, D	✓
NY-4.G.2	4	D	✓
NY-4.G.3	4	D	✓



State Standards Alignment

New York: 5th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Operations & Algebraic Thinking

STANDARD	MISSION	TOPICS	ALIGN
NY-5.OA.1	2	A, B, C	✓
	4	D, G, H	✓
NY-5.OA.2	2	B, C	✓
	4	D, H	✓
	6	B	✓
NY-5.OA.3	6	B, D	✓

Numbers & Operations in Base 10

STANDARD	MISSION	TOPICS	ALIGN
NY-5.NBT.1	1	A	✓
	2	A, C, D, E	✓
NY-5.NBT.2	1	A, D, E	✓
	2	A, D, E, G	✓
NY-5.NBT.3	1	B, D, E, F	✓
NY-5.NBT.4	1	C	✓
NY-5.NBT.5	2	B, D	✓
NY-5.NBT.6	2	E, F, H	✓
NY-5.NBT.7	1	D, E, F	✓
	2	C, D, G, H	✓
	4	E, G	✓

Numbers & Operations - Fractions

STANDARD	MISSION	TOPICS	ALIGN
NY-5.NF.1	3	A, B, C, D	✓
NY-5.NF.2	3	B, C, D	✓
	4	D	✓
NY-5.NF.3	3	A	✓
	4	B	✓
NY-5.NF.4	4	C, D, E	✓
	5	C	✓
NY-5.NF.5	4	F	✓
NY-5.NF.6	4	D, E, F	✓
	5	C	✓
NY-5.NF.7	4	G	✓

Measurement & Data

STANDARD	MISSION	TOPICS	ALIGN
NY-5.MD.1	1	A	✓
	2	D	✓
	4	C, E	✓
NY-5.MD.2	4	A	✓
NY-5.MD.3	5	A, B	✓
NY-5.MD.4	5	A	✓
NY-5.MD.5	5	B	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-5.G.1	6	A, B, C	✓
NY-5.G.2	6	C, D	✓
NY-5.G.3	5	D	✓
NY-5.G.4	5	D	✓



State Standards Alignment

Hawaii: 6th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Ratios & Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
NY-6.RP.1	2	A, B	✓
NY-6.RP.2	2	C	✓
	3	A, C	✓
NY-6.RP.3	2	C, D, E, F	✓
	3	B, C, D, E	✓
	6	B, D	✓

The Number System

STANDARD	MISSION	TOPICS	ALIGN
NY-6.NS.1	4	A, B, C, D, E	✓
NY-6.NS.2	5	D	✓
NY-6.NS.3	5	B, C, D, E	✓
	6	A	✓
	8	C	✓
NY-6.NS.4	7	D	✓
NY-6.NS.5	7	A	✓
NY-6.NS.6	7	A, C	✓
NY-6.NS.7	7	A, B, C	✓
NY-6.NS.8	7	C	✓

Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
NY-6.EE.1	1	F	✓
	6	C	✓
NY-6.EE.2	1	B, C, F	✓
	6	B, C	✓
	7	B	✓
NY-6.EE.3	6	B	✓
NY-6.EE.4	5	D	✓
	6	B	✓
NY-6.EE.5	6	A, B, C	✓
	7	B	✓
NY-6.EE.6	6	A, B	✓
	7	B	✓
NY-6.EE.7	6	A, B	✓
NY-6.EE.8	7	B	✓
NY-6.EE.9	6	D	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-6.G.1	1	A, B, C, D, G	✓
	4	D	✓
NY-6.G.2	1	E	✓
	4	D, E	✓
NY-6.G.3	7	C	✓
NY-6.G.4	1	E, F, G	✓

Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
NY-6.SP.1	8	A, B, D	✓
	G7M8	C, D, E	✓
NY-6.SP.2	8	B, C, E	✓
NY-6.SP.3	8	B	✓
NY-6.SP.4	8	A, B, C, D	✓
NY-6.SP.5	8	A, B, C, D, E	✓
NY-6.SP.6	G7M8	A	✓
NY-6.SP.7	G7M8	A	✓
NY-6.SP.8	G7M8	A, C, E	✓



State Standards Alignment

Hawaii: 7th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

Ratios & Proportional Relationships

STANDARD	MISSION	TOPICS	ALIGN
NY-7.RP.1	2	C	✓
	4	A	✓
NY-7.RP.2	2	A, B, C, D, E	✓
	3	A, B	✓
	4	A	✓
	5	C, D	✓
NY-7.RP.3	3	A	✓
	4	B, C, D	✓

Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
NY-7.EE.1	6	D	✓
NY-7.EE.2	6	B	✓
NY-7.EE.3	3	C	✓
	5	C, F	✓
	6	A, B	✓
NY-7.EE.4	5	E	✓
	6	A, B, C	✓
	7	A	✓

Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
NY-7.SP.1	G6M8	D	✓
NY-7.SP.3	8	C, D	✓
NY-7.SP.4	8	D, E	✓
NY-7.SP.8	8	A, B	✓

The Number System

STANDARD	MISSION	TOPICS	ALIGN
NY-7.NS.1	5	A, B	✓
	6	D	✓
	7	B	✓
NY-7.NS.2	4	A	✓
	5	A, C	✓
	8	D	✓
NY-7.NS.3	5	B, C, D, E, F	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-7.G.1	1	A, B, C	✓
	2	A	✓
	3	B, C	✓
NY-7.G.2	3	A	✓
	7	B, D	✓
NY-7.G.3	7	C	✓
NY-7.G.4	3	A, B, C	✓
NY-7.G.5	7	A	✓
NY-7.G.6	1	A	✓
	2	C	✓
	3	B	✓
	7	C, D	✓



State Standards Alignment

Hawaii: 8th Grade

Key



FULLY ALIGNED



MOSTLY ALIGNED



PARTIALLY ALIGNED



NOT ALIGNED

The Number System

STANDARD	MISSION	TOPICS	ALIGN
NY-8.NS.1	8	E	✓
NY-8.NS.2	8	A, B, C, D, E	✓

Expressions & Equations

STANDARD	MISSION	TOPICS	ALIGN
NY-8.EE.1	7	B, C	✓
NY-8.EE.2	8	B, C, D	✓
NY-8.EE.3	7	C, D	✓
NY-8.EE.4	7	C, D	✓
NY-8.EE.5	3	A, B	✓
NY-8.EE.6	2	C	✓
	3	B, C, E	✓
NY-8.EE.7	4	B	✓
NY-8.EE.8	3	D, E	✓
	4	B, C, D	✓

Functions

STANDARD	MISSION	TOPICS	ALIGN
NY-8.F.1	5	A, B, E	✓
NY-8.F.2	5	B, C	✓
NY-8.F.3	5	B, C, E	✓
NY-8.F.4	5	C, D, E	✓
NY-8.F.5	5	B, C	✓

Geometry

STANDARD	MISSION	TOPICS	ALIGN
NY-8.G.1	1	A, B, C, D	✓
	3	B	✓
NY-8.G.2	1	C, D	✓
	2	B	✓
NY-8.G.3	1	A	✓
	2	A, C	✓
NY-8.G.4	2	B	✓
NY-8.G.5	1	D	✓
	2	B, D	✓
NY-8.G.6	8	C	✓
NY-8.G.7	8	C	✓
NY-8.G.8	8	C	✓
NY-8.G.9	5	D, E, F	✓

Statistics & Probability

STANDARD	MISSION	TOPICS	ALIGN
NY-8.SP.1	6	A, B	✓
NY-8.SP.2	6	B	✓
NY-8.SP.3	6	B	✓